

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number : 7,084,266

Group Art Unit: 1648

Name of Patentee : Yanagi et al.

Title : CLONED GENOME OF
INFECTIOUS HEPATITIS C
VIRUS OF GENOTYPE 2A
AND USES THEREOF

Issued : August 1, 2006

**REQUEST TO
"MAKE OF RECORD" NOTED ERRORS**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Errors by the Patent and Trademark Office have been noted in the recently issued above-identified Letters Patent as follows:

SEE ATTACHED

Since these are inconsequential errors, a Certificate of Correction is not needed, but it is requested that this Letter be made of record by being included in the patent file.

Please charge any fees to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 4/27/07By: Nancy W. Yensko
Registration No. 36,298
Attorney of Record
Customer No. 45,311
(805) 547-5580

Knobbe Martens Olson & Bear

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Title: CLONED GENOME OF INFECTIOUS HEPATITIS C VIRUS OF GENOTYPE 2A AND USES THEREOF

PR Instructions: Whole Patent

Sr.No.	Original		Issued Patent		Description of Error
	Page	Line	Column	Line	
1	Page 1 Specification (12/03/2003)	4 (Title)	First Page Col. 1 (Title)	2	Delete "HEPATITUS" and insert - - HEPATITIS - -, therefor.
2	Page 1 Issue Fee Payment (PTO-85B) (05/08/2006)	1 (Assignee's Name)	First Page Col. 1 (Assignee)	1	After "The" insert - - Government of the - -.
3	Page 1 Issue Fee Payment (PTO-85B) (05/08/2006)	1 (Assignee's Name)	First Page Col. 1 (Assignee)	1	After "America" insert - - , - -.
4	Page 1 Issue Fee Payment (PTO-85B) (05/08/2006)	2 (Assignee's Name)	First Page Col. 1 (Assignee)	2	After "the" insert - - Secretary, - -.
5	Page 1 of 1 List of references cited by examiner (03/25/2005)	Entry 1 Line 1 (Non-Patent Documents)	First Page Col. 2 (Other Publications)	2	Delete "comparision" and insert - - comparison - -, therefor.
6	Page 1 of 3 List of References cited by applicant and considered by examiner (02/24/2004)	Entry 4 Line 2 (Other Documents)	First Page Col. 2 (Other Publications)	17	Delete "6a," and insert - - 6a. - -, therefor.
7	Page 2 of 3 List of References cited by applicant and considered by examiner (02/24/2004)	Entry 4 Line 2 (Other Documents)	Page 2 Col. 1 (Other Publications)	13	Delete "therapy," and insert - - therapy. - -, therefor.
8	Page 2 of 3 List of References cited by applicant and considered by examiner (02/24/2004)	Entry 5 Line 2 (Other Documents)	Page 2 Col. 1 (Other Publications)	17	Delete "population," and insert - - population. - -, therefor.

9	Page 2 of 3 List of References cited by applicant and considered by examiner (02/24/2004)	Entry 13 Line 1 (Other Documents)	Page 2 Col. 1 (Other Publications)	42	Delete "I.J.," and insert - - I.J. - -, therefor.
10	Page 2 of 3 List of References cited by applicant and considered by examiner (02/24/2004)	Entry 19 Line 2 (Other Documents)	Page 2 Col. 2 (Other Publications)	16	Delete "hepatitis" and insert - - hepatitis - -, therefor.
11	Page 2 of 3 List of References cited by applicant and considered by examiner (02/24/2004)	Entry 22 Line 1 (Other Documents)	Page 2 Col. 2 (Other Publications)	26	Delete "Hepatitis" and insert - - Hepatitis - -, therefor.
12	Page 3 of 3 List of References cited by applicant and considered by examiner (02/24/2004)	Entry 1 Line 1 (Other Documents)	Page 2 Col. 2 (Other Publications)	30	Delete "treatrment" and insert - - treatment - -, therefor.
13	Page 3 of 3 List of References cited by applicant and considered by examiner (02/24/2004)	Entry 1 Line 2 (Other Documents)	Page 2 Col. 2 (Other Publications)	30	Delete "hepatitis" and insert - - hepatitis - -, therefor.
14	Page 1 Specification (12/03/2003)	4 (Title)	1	2	Delete "HEPATITUS" and insert - - HEPATITIS - -, therefor.
15	Page 3 Specification (12/03/2003)	3	2	5	Delete "(Forms" and insert - - (Forms - -, therefor.
16	Page 9 Specification (12/03/2003)	32	5	4	Delete "HC-J6 _{CH})," and insert - - HC-J6 _{CH} . - -, therefor.
17	Page 2 Specification (01/12/2006)	4 (Amendments to the Specification)	5	31	Delete "39;" and insert - - 39; - -, therefor.
18	Page 2 Specification (01/12/2006)	4 (Amendments to the Specification)	5	31	Delete "40;" and insert - - 40; - -, therefor.
19	Page 2 Specification (01/12/2006)	15 (Amendments to the Specification)	5	52	Delete "57;" and insert - - 57; - -, therefor.

20	Page 2 Specification (01/12/2006)	23 (Amendments to the Specification)	5	65	Delete "Capital." and insert - - Capital - -, therefor.
21	Page 27 Specification (12/03/2003)	17	12	63	Delete "PT" and insert - - RT - -, therefor.
22	Page 4 Specification (01/12/2006)	3 (Table 1) (Amendments to the Specification)	14 (Table 1)	21 (Approx.)	After "CGTC" insert - - (SEQ ID NO: 11) - -.
23	Page 4 Specification (01/12/2006)	4 (Table 1) (Amendments to the Specification)	14 (Table 1)	22 (Approx.)	After "GCGC" insert - - (SEQ ID NO: 12) - -.
24	Page 4 Specification (01/12/2006)	5 (Table 1) (Amendments to the Specification)	14 (Table 1)	24 (Approx.)	After "TAAG" insert - - (SEQ ID NO: 13) - -.
25	Page 4 Specification (01/12/2006)	6 (Table 1) (Amendments to the Specification)	14 (Table 1)	26 (Approx.)	After "GATG" insert - - (SEQ ID NO: 14) - -.
26	Page 4 Specification (01/12/2006)	7 (Table 1) (Amendments to the Specification)	14 (Table 1)	28 (Approx.)	After "CGGA" insert - - (SEQ ID NO: 15) - -.
27	Page 4 Specification (01/12/2006)	8 (Table 1) (Amendments to the Specification)	14 (Table 1)	30 (Approx.)	After "GAGG" insert - - (SEQ ID NO: 16) - -.
28	Page 4 Specification (01/12/2006)	9 (Table 1) (Amendments to the Specification)	14 (Table 1)	32 (Approx.)	After "TATG" insert - - (SEQ ID NO: 17) - -.
29	Page 4 Specification (01/12/2006)	10 (Table 1) (Amendments to the Specification)	14 (Table 1)	34 (Approx.)	After "GCCC" insert - - (SEQ ID NO: 18) - -.

30	Page 4 Specification (01/12/2006)	11 (Table 1) (Amendments to the Specification)	14 (Table 1)	35 (Approx.)	After "GTAC" insert - - (SEQ ID NO: 19) - -.
31	Page 4 Specification (01/12/2006)	12 (Table 1) (Amendments to the Specification)	14 (Table 1)	37 (Approx.)	After "TCTG" insert - - (SEQ ID NO: 20) - -.
32	Page 4 Specification (01/12/2006)	13 (Table 1) (Amendments to the Specification)	14 (Table 1)	39 (Approx.)	After "TACC" insert - - (SEQ ID NO: 21) - -.
33	Page 4 Specification (01/12/2006)	15 (Table 1) (Amendments to the Specification)	14 (Table 1)	42 (Approx.)	After "ATGC" insert - - (SEQ ID NO: 22) - -.
34	Page 4 Specification (01/12/2006)	16 (Table 1) (Amendments to the Specification)	14 (Table 1)	43 (Approx.)	After "CGAG" insert - - (SEQ ID NO: 23) - -.
35	Page 4 Specification (01/12/2006)	17-18 (Table 1) (Amendments to the Specification)	14 (Table 1)	45 (Approx.)	After "TAGG" insert - - (SEQ ID NO: 24) - -.
36	Page 4 Specification (01/12/2006)	19 (Table 1) (Amendments to the Specification)	14 (Table 1)	47 (Approx.)	After "CCTC" insert - - (SEQ ID NO: 25) - -.
37	Page 4 Specification (01/12/2006)	20 (Table 1) (Amendments to the Specification)	14 (Table 1)	48 (Approx.)	After "AAAG" insert - - (SEQ ID NO: 26) - -.
38	Page 4 Specification (01/12/2006)	21 (Table 1) (Amendments to the Specification)	14 (Table 1)	50 (Approx.)	After "CTTG" insert - - (SEQ ID NO: 27) - -.
39	Page 4 Specification (01/12/2006)	22 (Table 1) (Amendments to the Specification)	14 (Table 1)	51 (Approx.)	After "GGGG" insert - - (SEQ ID NO: 28) - -.

40	Page 4 Specification (01/12/2006)	23 (Table 1) (Amendments to the Specification)	14 (Table 1)	53 (Approx.)	After "TCTG" insert - - (SEQ ID NO: 29) - -.
41	Page 4 Specification (01/12/2006)	24 (Table 1) (Amendments to the Specification)	14 (Table 1)	56 (Approx.)	After "AGGG" insert - - (SEQ ID NO: 30) - -.
42	Page 4 Specification (01/12/2006)	25 (Table 1) (Amendments to the Specification)	14 (Table 1)	57 (Approx.)	After "TAGA" insert - - (SEQ ID NO: 31) - -.
43	Page 4 Specification (01/12/2006)	26 (Table 1) (Amendments to the Specification)	14 (Table 1)	59 (Approx.)	After "ACTC" insert - - (SEQ ID NO: 32) - -.
44	Page 4 Specification (01/12/2006)	27 (Table 1) (Amendments to the Specification)	14 (Table 1)	61 (Approx.)	After "GAGC" insert - - (SEQ ID NO: 33) - -.
45	Page 4 Specification (01/12/2006)	28 (Table 1) (Amendments to the Specification)	14 (Table 1)	63-64 (Approx.)	After "CGGC" insert - - (SEQ ID NO: 34) - -.
46	Page 4 Specification (01/12/2006)	29 (Table 1) (Amendments to the Specification)	14 (Table 1)	65 (Approx.)	After "TTCC" insert - - (SEQ ID NO: 35) - -.
47	Page 4 Specification (01/12/2006)	30 (Table 1) (Amendments to the Specification)	15 (Table 1)	7 (Approx.)	After "TCTA" insert - - (SEQ ID NO: 36) - -.
48	Page 4 Specification (01/12/2006)	31 (Table 1) (Amendments to the Specification)	15 (Table 1)	9	After "GTGC" insert - - (SEQ ID NO: 37) - -.

49	Page 4 Specification (01/12/2006)	32 (Table 1) (Amendments to the Specification)	15 (Table 1)	11-13	Delete "TCTAGACATGATCTGC AGAGAGACCAGTTACGGCACTCT CTGFCAGTCATGCGGCTC ACGGACCTTTCACAGCTAGCCGT GACAGGCTAGATGGAGCCACC" and insert the same on line 11 after "CGTC" as a continuous paragraph.
50	Page 4 Specification (01/12/2006)	33-34 (Table 1) (Amendments to the Specification)	15 (Table 1)	13 (Approx.)	After "CACC" insert - - (SEQ ID NO: 38) - -.
51	Page 34 Specification (12/03/2003)	17	16	60	Delete "pH77 pCV77C" and insert - - pH77pCV77C - -, therefor.
52	Page 49 Specification (12/03/2003)	10	23	41	Delete "5" and insert - - 5, - -, therefor.
53	Page 50 Specification (12/03/2003)	6 (Approx.)	24	9	Delete "hepatitis" and insert - - hepatitis - -, therefor.
54	Page 50 Specification (12/03/2003)	23 (Approx.)	24	26	Delete "hepatitis" and insert - - hepatitis - -, therefor.
55	Page 50 Specification (12/03/2003)	28 (Approx.)	24	31	Delete "hepatitis" and insert - - hepatitis - -, therefor.
56	Page 51 Specification (12/03/2003)	24 (Approx.)	24	66	Delete "hepatitis" and insert - - hepatitis - -, therefor.
57	Page 51 Specification (12/03/2003)	41 (Approx.)	25	14	Delete "hepatitis" and insert - - hepatitis - -, therefor.

* * * OBSERVATIONS * * *

- 1) In the **Issued Patent, First Page, Col. 1**, under "PCT Filed" the date has been given as "Feb. 6, 2000" whereas for the same PCT Application on Col. 1, Line 8 the date is given as "2 Jun. 2000" which seems inappropriate.
- 2) In the **Issued Patent, First Page, Col. 2**, under "Foreign Patent Documents", line 1 & 2 entries are given as:

EP 532167 A2 * 7/1992
EP 532167 3/1993
- 3) In the **Reference File, Drawings (12/03/2001), Fig. 1, Sheet 1 of 22**, one word has been used twice (i.e. ~~XbaI~~ and XbaI) and the same has been incorporated in the **Issued Patent**, which seems inappropriate.

- 4) In the **Reference File, Drawings (12/03/2001), Fig. 4, Sheet 4 of 22**, one word has been used twice (i.e. **NdeI-** and **NdeI**) and the same has been incorporated in the **Issued Patent**, which seems inappropriate.
- 5) In the **Reference File, Specification (12/03/2003)**, the term "et al." has been used as "et al," which seems incorrect as it should be "et al.," and the same has been incorporated in the **Issued Patent**.
- 6) In the **Reference File, Specification (12/03/2003), Page 52, Line 22-23**, under **References** one entry given as

"39. Okamoto, H., Okada, S., Sugiyama, Y., Kurai, K., Iizuka, H., Machida, A., Miyakawa, Y. and"

and the same has been incorporated in the **Issued Patent** Col. 25, line 45-46, which seems incomplete.